KEVIN KODAMA

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LinkedIn | GitHub | Portfolio

Seattle, WA

EDUCATION

University of Washington, Seattle, WA   September 2019 – June 2023
B.A. Mathematics   GPA – 3.76

WORK EXPERIENCE

Dell Technologies, Seattle   June 2022 – Present
Dell NativeEdge Platform – Software Engineer   July 2024 - Present
· Developed custom cloud deployment automations through Dell NativeEdge, an edge operations platform
· Provisioned vSphere + Dell virtual infrastructure across ten different Dell PowerEdge XR servers

Applications and Data Platform Solutions – Software Engineer   July 2023 – June 2024
· Built a GUI and several upgrade features for Dell Omnia, an open-source solution for HPC and AI
· Co-developed a plugin that exposes Dell PowerFlex health metrics through Oracle Enterprise Manager

PowerProtect Data Manager – Software Engineering Intern   June 2022 - August 2022
· Co-developed two performance testing frameworks for the backup software PowerProtect Data Manager
· Automated seven sample JMeter tests and integrated them into a Jenkins CI/CD pipeline

International Academic Competitions, Remote   January 2020 – May 2022
National History Bee and Bowl – Question Writer
· Wrote over 200 paragraph-length technical questions for NHBB, a national high school history competition
· Sifted through thousands of questions on the database QuizDB to identify historical question patterns

SIDE PROJECTS

Popheads Chart (MERN Stack / Tailwind CSS / react-select / Chart.js)   July 2022 – July 2023
· Launched a web application that uses Reddit's API to parse listening data from 2566 pop music fans
· Deployed 10 middleware API endpoints to handle secure traffic through the Node server
· Displayed listener data with nearly 300 reactive chart views, including a reactive line chart

Quizbowl Buzzer System (Arduino)   July 2021 – September 2021
· Programmed an 8-player "buzzer system" for quizbowl, a fast-paced academic competition
· Processed real-time input from 9 physical controllers using a microcontroller and 9 interrupt handlers

Data Exploration of *The Wandering Inn* (R / Shiny / dplyr / Plotly / rvest)   March 2021 – May 2021
· Analyzed features of *The Wandering Inn*, a 50,000-page fantasy novel on the Internet
· Created an interactive frontend that allows users to display 57 custom chart views
· Scraped text data from 94 different web pages, processing over 2,000,000 words

LEADERSHIP

UW Quizbowl, Seattle, WA   December 2020 – June 2023
Club President, Outreach Director, and Webmaster
· Tripled the membership of UW Quizbowl to 40, now the largest student-run quiz team in Washington
· Recruited 30 high schools for the largest ever quizbowl tournament in the Pacific Northwest

SKILLS AND INTERESTS

· **Skills**: web development, backend, shell scripting, Ansible, HPC, desktop development, database management, CI/CD, web scraping
· **Languages**: JavaScript (Express.js, React.js, Angular, Node.js), Python (PyQt, pandas), Java, Ansible, Bash, MongoDB, SQL, Jenkins, R
· **Interests**: the loneliness epidemic, speculative fiction, education reform, dance battles, chess